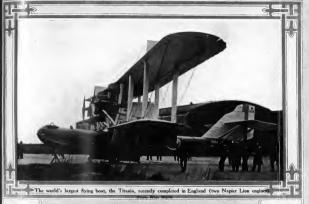
AVATION

The Oldest American Aeronautical Magazine

AUGUST 11, 1924

Issued Weekly

PRICE 10 CENTS



VOLUME

SPECIAL FEATURES

NUMBER 6

LOENING AMPHIBIAN PLANES ORDERED A \$6,000,000 ERROR IN AIR SERVICE COSTS AEROMARINE MODEL EO SPORT FLYING BOAT THE 15TH ANNIVERSARY OF OUR AIR SERVICE

> GARDNER PUBLISHING CO., INC. HIGHLAND, N. Y. 225 FOURTH AVENUE, NEW YORK

stered as Second-Chass Matter, Nov. 22, 1920, at the Post Office at Highland, N. Y. under Act of March S, 1879.

August 11, 2001 | tarut 21, 2024

FLYING BOAT OPPORTUNITY



CURTISS SEAGULL THREE . PLACE 150 H.P. FLYING BOATS \$2,600.00

> RRAND NEW SET UP AT PORT WASHINGTON READY TO FLY AWAY

Curtiss Metropolitan Airplane Company Port Washington - Long Island

ATCHST 11, 1924

867 J. H. Vickers Jones Curling Staff to Assessment Model EO Sport Plying Boat ... 1688 Lorentz Amphibute Plazes Onlevel Gold Flights

CARONED DUDURGERY COMPANY L. D.LUL. CONTRAL AND ENCORNAL BOOMS. 225 DOLETTA ANDRE ADMINISTRAL

DECUE AND N.Y. (abscription gries: Four delives per year Single cepton. Inseed every Menday. Forms class in high preconsity on sessio. Canada, fine deliver. Frencys, no deliver. Endoned an excend-class major fine. 22, 1003, ed. or unit. Canada, fine deliver. Publishing. Fine Offen at Highland, N. T., under each of thereby a series. Canada in the Highland, N. T., under each of thereby.

CONTENTS

FOR SALE

HAMMONDSPORT CURTISS OXX6 MOTORS COMPLETE WITH TOOLS Broad New-Lousedists shipment in

\$250 anch

HS2L FLYING BOATS Brand New and in original crates consuliate chiament FOR Norfolk Require in Cortins OXS and OXX6 Seare Parts

NORFOLK, VA

P. O. Box No. 676

rendy to fix on ay in more on most of report Wire Orders Only a few left

LaShoor St and 133, Chrypts, 6901 and 63000 Cortes over Cortine, Resource, LeShour and Chryst space personal

Auction Sale Airplanes - Motors - Supplies

3 P.M. (Davilets Savine) Saturday Age, 16th N. Y. Air Terminal - Harbroack Brioles, N. J. Fair fire & P. Doon James Cay P et A. H. and et et et P. I. A general clearance sale of all our rangine days, morning and supplier. Shape of all bands and prices, ranging from to see List meliater 1966, Arm. 1960, Counch. Soundard nor servato 1910, Arro, Phin, Gueck, Sond-Sone, More I pler, Donne More Frank, By Johns, Soneth Land I Scarce, L.E.F. G. Flori,



AVIATION

doubt whether the error of an argibon delices would have come to public notice had Avances not proported these

title value without the other. The serial activities of the Every effort will be unde to the datum to never these de-

difficult to gree so detail how nothing of dellary are to be

Maclaren Ferred Out

browendom odds, there was little at any advance perpendica, space years sall, worst of all, the flight seems to have been

Affects before the stores of automs would have such the

More Presentine Plans

val xvn

LATION has been enterpretable as its contract on ourse I the plane that have been broaded widely fag the sixun - congressed sees for government strakage

'I Tricke to South Asserted to count freedly refuture palds and to getter a man of prographs, prologe, sere-3 Projector in the office-recovered recovered tori-"I hysier Greenwest ar nati corner from New York PERSAN Major Start Medican has been found to close

A Databled Alcoraft Budget THE fresh plant of the Seggested National Air Policy,

ere - sile for "a detailed accords budget for all Governneed's departments and an arrival statement of all on-

Accest 11, 1924 The Aeromarine Model EO Sport Flying Boat

By B. V. KORVIN-KROUKOVSKY Exposer in Charge of Anglian Dangs, Assessment Place and Motor Co.

on Jan 20, 1903. The first test flights were conducted an



Three views of the new Assumation, small EO, spect flying incor. Steel sich is 70 50 kg. Associ orgin-

Janes Type 6A3 was obesen. The engine installation was is designed, bewerer, that any radial engine of about the name between the choice of Wright Ld. Lettler 60 to and

pe to the constant maximod and catch figs, as if a most giveny such its cope of the pusher with redial engine. With an leaden of the pilot and personants under the center of conditions of the bunding. There is no need here for shifting

a rather reducal departure from endmany firing best A record red to departure from nozonary flying beat positive to found in the adoption of the tractor propeller and.

oil more be felt in case of a sport machine, where

m ; could of then, the horefure of the prior and passengers hard back under the upper wing theorem considerations per oil the adoption of the disposition. The first one was

en derenance process. The bull has a large more the house of a ringle legs highest with large upper and needle To recoffestion of the Acressment Model EO Sport

there and the party of the part Angle of tool Or of said) Supposed land denie of land Picketted, State and State tra edger a next dilla III Accounts to 35 Play leading 5,000 to it.

The water frames counted all sugmes I beaute, sugmes trained

AVIATION

Check, when . A & A in.

798

part wing but so

massler of these on a single bey merken to rather small. The the wings. The lower wing has but one spence and phrwood his been. This beam is ettached to the steel take, resona-The attachments at the tabe and at the autor Y pased of high speed and is a dire. The allastiments of the struct, moreover, allow the adjustment of the angle of in-reference of the lower wave in he made. The advantage of The way to floor are attached at the very tops of the yellots are entirely characted, and the cables where used re-

The Power Plant

The complete mover plant is assembled as one unit shown

The range Staff is botted to the front bulkbond of the range made from 15 after about 5.02 in their. The man-

There is no spark adjunce on the Annes reagerton, and the threetin and the against protein and wiging are the salv

their veterbultness. The rests are built in the hall our

Four headledes on the tru, and betters of the marries after hat four water-tasks comparisons, not coming the matrix

August 13, 2004

The have of the holl were drawn to obtain good according

mediately demonstrated the perfect balance of the best or adjusted on the best design to be done to be the cold on the bid on well. The best was flown with the rolat and the fe line 20 see with three people about 6. Rather large use propiler was fixed, and the motor did not expect 1300 Fpcs of the course was found to be 710 mi for. The mand at marries

"We will receive that clother conclude was resided before to the

Streetzmile the hall at bask up of 15s elley sheets end Entires and feer and off stiffeness, so suspend as to provi ourselve

France basses U. S. World Flore at Lellmorte Lord Lewell South on unner step to left of M Laurest Eyest. Under Socy of State for Avinton, Linux, Louis Wiele.

Proposed Officers

bed of formatting and specifing Radio Engineers before control by Barries properly manufal, an

In the sense of Avantors for April 26, 2626, we printed

In the sector we areastown very April 20, January we present the full revenue, wheels studiedless a table sector for Gara. Manage A. the fiel owing, which strenders a table given by uses. Manus A paint to the Appropriations Commercine. "Living the Army Agr Service first, an page 903 of the largest will be following figures."

SHIT OF ARMY AIR SERVICE, PARCAL TRANS STEEL STORES.

"To share non does not include the cost of ear of the

The figures been been received from Assistant Secretary

Special Communication

THE LET ST STREET, S.

A \$6,000,000 Error in Air Service Costs

Correction Made by Assistant Secretary of Was David

I COST OF ARRY AND SUBSTICE FOR THE PARTY TEAMS, 1707 FOR 1802 1803 AND 1904 P.T. Phot. P.E. 1997 P.T. 1997 P.T. 2007

"The data contained in concernioning of June 15 was the

The figures sent for the year 1923, as will be note from the tables between as \$22,507,639.27 or a difference of 55,736,562.70 between General Pairwich Cost of Army Acc Service for

The sense is to change on, and the revised against The sense is to glang and increasable that Avirtus his recombed a statement from Secretary Davis primer same re-

Of greater seperione are the takin and with the lotter and praced below. It is the first time that the pakks has

The Erit today green our core or the ACRY and several cor-the fixed waves 1800-1908 anchorer. It will be seen that

About every other due in the 1923 fargree has been revised Affined every source man in the 1922 bigains has seen service. If these wore for the fixed over 1934, and should serve at

127 700, 30

Universal Machinery Co., Bultmore, \$155,50, 120 days. Allino: Engineering Co., Indonespola, Ind., \$170 i pg. NeConk Paris No. 124, State and Auguste State revised Just 24, cir. 154, by the engacering dresses, are -crea-1950" should be storough as that the eviation public will how how there large came are being expended. The cost of "Knowrented and Eccarde Work" in given so Sport Fraction; S. 10 do. Energyt Stort Products Co., Bullisla, N. Y., Ren L. -120.00. Enerhart Stock Products Co., Ballain, N. T., Hem 1, -1965; accorded: S. Sanger, S. S225.56, 4, S6c, accepted, 5, 105.50 A very amount question afters when the soul laber "billion must Showing Arrest States on Agreed) in the Final Years , \$20.56, delivery 5 months, I per cent 10 days. Corton Armedano & Mator Co., Inc., Carden City N Y Common Averagidade & Matter Co., 1900, Uniciden City, N. T., Idania, C., 2016 Sci., accepted; 3, 63-85, accepted; 5, 85, no-cytoli, 6, 96, accepted; delivery Th days. Callender Assertal's Co., East Greenwich, R. J., 1 rol all American World Flight toom nor near wheels and put on new wings. In relially the aristors got a much needed rest. The work was done at the shops of the Blackborn Awaison Ca. and the content In the measurable the receiving fleet of the T it. Nov. Government Bids and Orders

air service, U.S. Array, Workington, for macellasecan supplies; Car CAS 130, June 29-The Stove-Long Co., Section, 25 absenct tackonscient, 6330 /1 enconstrood at one or two possits. On Aug 2 the firm, who enconstrood at one or two person. De ring a ter two, was G. Elsen & Bre., Hallain, N. Y., 2023; 130 days. Letrentizand Tool Co., Dayton, Ohio, 5860; 130 days. Viscount Steel Product Co., Baffelo, N. Y., 25,977 bt.; 6 Corton Associane & Motor Co. Inc., Guelen City, N. Y., Northed Field En. 127, State and Assault-Shile received Item 1s, 45 sets exhaust manifold metallation, extended type, for D@Sab surplemen; the 60 sets day, is, 25 jots do.

G Tips & Sec. Satisfie, N Y, den Lo, 859-59, Ib, 857-80; to 837-80, 54, 837-11, 2a, 828-57, 2b, 828-58, 5c, 858-90; British World Flight ware delived by bad weather said July 23 when they fee

Custom Assuphuse 6, Motor Co., Inc., Gasden Cits, N. Y. Can Markov & Tool Works, Durton, Ohio, 9640, 4 months

draw for Arress Accords—Awards made by the chief of

Aventine Flier Starts World Tour May Pedro Zanea, the Argentine aviator, left Axyterion, Marine Municipes, the British World Cier. On Aug . he had

femile, and subsequently extend civilian IV

Angest 11, 100s

The board for 1908 included Source Softener, Walton.

best of streng, a hydrogen plant and a 200 ft, bulleon and subject and appears and one from

Her. Unde was pushed take the air game is another story,

p.c. a sense not the United States measurement up our

Will : Wright deported for France where on Asse. S.

heren farkte presentatory to delevery to the French to be atform every European connection.

vers fiving on Sept. 3 and within a few days had

Science, First Field Artiflery, wen given a ride. After

to my have were past into a glide best loss of control resulted

nero-the first death is power fight. Mr Wright humseld solved marker and the trade were nontropped until the fal-

The Final Delinery

On July 20, 1980, Ovville Wright and First Level, Benman D Foolols completed at Fort Mysz, the second and

feel oftend trial flight of the Wright arrplane a grown visit. The speed attacked was 42 cm/hr, which was a borne of 25/00 one the contrast wave of 255,000. A few days

ferred surging to that in France and Routend. Without re-

The latter of heavy the first world power to have the surface another proposition.

named to the Pulled States to teach the first army solution-

limber onto Labor. Fostors and Humphanon. The two former completed their course, Hamphreys, was galleved without

The Hourd of officers appointed to conduct the tests con-The North of Smorre appears to common on the state of May Decoys D. Square, May C. McK. Sajisman, Copt. Ches. D. Wallace, Copt. C. DaF. Chandler, Lt Leot. Proc. P. Lebre, 1st Leot. B. D. Fouloss and 2th Leot.

Not fiel the American Asso Clabby 2000 americans

The 15th Anniversary of Our Air Service

On July 30, 1909, the Army Accepted the First Military Airplane

By ERNEST L. JONES

first was Ameri

Major Road, who visited Davison to 1996 and satisfied how-

self of the tresh of the Wrights' statements.

2906, Capture Hiddeland, a famous student of accountry,

Wroth's He too talked with writering of the large floridaof 1904 and 1905 made in the presence of Dayton column

Neither Bend nor Hildsbrand nor the ratches."

with the solution of this resident. Surely we will not have

explain of a decade and a half and homes to meed formation

of a fiving fact was knowly the result of premeditated so-

cepton of the world's first fiving faces in laborate the some In James, 1964, the American daily proper carried a

of Don. 17, 1982 the first power fights by man. But no

and Fortifications, which replied in dustring phrases and

Enthusiam Alread

The publication, in 1995, in a foreign serm-ration) roughly

to 1906 awared to official enthaceson is the War Department.

Even Since Newcomb, an enument planned, and in 1991 that the construction of an nestal vehicle that would carry

In the rares taux, the Wrights caused a proposition to be

in novote life, and in the course of time, and as a recelt of

"Furthermore," he said, "I am sectioned to thank at requires event shift to homely the markings." I am of the from helief that a max as high on 4,000,000 marks will not be re-united if we entrust German segments and accounts " "



The Arr Service officials may that the require of inel palets and regularing officers show this array plane to possess re-markable and carried obviously the Assirt recognition.

Losning Amphibian Planes Ordered

want made on June 10. The plane rose from the East Street

make onggestions to the Consollier when the bearings are held next full. Curue of the helt can be obtained for addresses

amorals. The accition applying to liability for the delivery

countries the accomments of the air mass of the Dortal States

The Modified Winslow Bill In our cone of Jan, 15 and Jan 20, 1823, we published shatteney and recomments on the Waterley 20%. The last way Two man theapen, or rather secures, are marginal. One Socialism for autocolour and obtaining because without entired intern are very severe and estoports in their nature. Then

> President Appoints New Member N.A.C.A. Assonnement is made that President Coulding In- sp-possed Naz. John F. Curry a member of the National Ad-

AT IN ACTUALIST new needles with the sub. cry slightly from the very Prope the

The Bates 77 cu. in two-calender Light plans arathers-

To c who are looking for a regular meteorycle regule for Today they are unpolying engines to the Huff-Dalend Cou-

LIGHT PLANES AND GLIDERS American light planes are beginning to appear as finaled products during this mouth. The low wang monoplane designed and bank by Harrey Manuaret of the Curtan Compeopled and beat by Herrey Manuacrt of the Curton Con-

The Bates Light Plane Motor

2. Basic Requirement Company of Change has just ex-

the pleas at Ophen-burg. N Y. The A4, described in these thinguist at Ophen-burg. N Y. The A4, described in these on pages, in attailant a new properties of Washington Tun-

Edited by Edmund T. Aller

med with a farm't frame secondar. The law war rantiform and 4 was chosen, with its favorable reduction in structured would. Difficulty was excentered to getting off with the

the Wing Theory

Elements of the Wine Section Theory and of Report No. 291 of the National Advisory Commetter for

from the National Advisory Committee for Agranuation,

AIRPORTS AND AIRWAYS

The "On to Bastlessille" were for which \$850.00 on price

Plane starting at a point 500 ms from Bartlevolle will be Planes will be awarded 10 points for each additional 100 two of the recognized distances, he shall be allotted the dis-A reservoir of 200 points will be availed to the plane

A Perlot, who has promily been using Staw Field, re-Philadelphia News

Larry Burney, formerly with the Babenck Atroduce Ca.

The Robosck Consecuted owned by W. H. Sellers to now

The Maschester Band franc Sold near Akres has some

thesel. At last reports, Federal recognition was expected

On Taxolay, July 15, a meeting of the Philadelphia Chapter

ton (im, which has been die Country with Admend Fellow, Her. Abere's ship was postly hady demand in a forced

> Pittsburg News Be L C. When

ten rates show Treates on the Industry Hove. They O: Worder Jab 7, Wei B. McCracken, Christian of the

typer Daller, with his Carnel, and Beh Hewst, with his

Chicago News

very from the field unharmed, as spale of the fact that then has been keen abstract and July 13 broader

even and landed and took off wethout the least bounce. Than A concessor at the Beath Amport in Frenk Gall, who has per brought out her OX3 "special job." It also is of the trick long variabled a brown techniques, the wings light policy and the tail surfaces a soft greet. It will probably make to best flight during the area week. We are all associated to best flight during the area week.

R. C. Monance of 4200 Person Asserts has bounded him

"special job" to the hig assembling mean back of the Houth

manufactors and much with his machine. Was Great to mid-

Spokene News D. R. Walker, operating two shape from the Bassell Phy-

Polet Nick Memor has set up a Seaguil on Coosy d'Alese

Pilol Nich Insser ass on up a congres to contract the negligible for his work. He also has a Standard with 150 hg motor

The FSL while masted as shellow mater was cought by a

Old Orchard Flying Meet

Intrinent corn Threads at coon at the Visco Performant An available in everyood to an every was improve as an PRINKING on Therefore to copy and have land with pr The others mene come is blong content may from the

The occupied elected that he has taken oblique photograph when fiving at 106 to Jan. The consers in very register open Fairchild Has two pass Camera Planes

be much only by lost remarks markers, but the west much be plausty marked "Vin Arr Mark" The third annual Continuous Assertit Exposition, but a

Owlinary stames suffice and the special mail horse soon

August 11, 1994

Linerap of commercial planes of Street Aviation Field. Afren, Ohio conceed with the new Wright E4 D9 has engine. One is a two-nester curve abservation planes and even a light visco-

the country is accord controller will be appreciated

also well reconcerted at the Process expecting

where it make at 11 a m- by saytion along the established postal air mate. The echedule calls far arrival at the Golden

New York about 2 m so, the next day. Most in despreed and

air until which is not made parable to beaver or is not in Con and engrency in large amongs, needtable recurrent

The extense reporturious recents and making office repre-

Pastoniters will be railed worn to record account, the

number of regulered articles accepted for typesministed by

The engines are very autorischery. It is possible for our Commercial paper will be accepted for transportation to in appointment as Soc. Locate, of the following cadets, or instea of the U. S. Mil. Anademy, and their authorized r George Great, George Edward Liebtung, in. Paul he appendiment to See Lieute, of the following cudets, Sein, Ma.; Hesteri Theodore Schofer, Sorna Vista, Ja.; Sein, Ma.; Hestert Theaders Schafer, Saran Yuiz, In.; Eren Bernaud Pape, Waterbury, Conn.; Clyde Massey, File-City, Nich; Schort Lyle Stockerst, Dugasan, IE.; Ka-

U. S. ARMY AIR SERVICE

Fold to Sun Francisco, softing on treasport for Harries and Lt. Devereus M. Myers, A.S., Aberdoon Press Oround,

1 per Coolers, May 27, reterring May Lement M. Drozena.

Acres Air Orders

Every, p., Walter, Maro, Bern James Melligen, Breudeller vi Gallart, William Oberhand Eurovices, Weltreck, Mar-Princis Robert Spream, Columbia, Min., Heland Wregand lois, Mass., Jaku Reynolds Hawkins. Millersburg,

falsh Arthur Rock, St. Louis; George James Sauth, Brook Jong, Ar. Pinine, William John Stein, Jr. New Athano, John News, Settler, None, Almida, Jeving Bathod Green, Cowel, S. Y., Frank Farms Ourpenine, pt. Pandena, Hardder Cowle Ning, N. Y., Hachard Demant Review, English Honoline Lawise, Huestangion, W. Yu. Nosh Meifferer, Deman Collaborer, Out. Laytion Maron Clark, Particular, Col., Cornelon Wieler Condend, Barting, N. M. (1981), Conf. Comput. Mether Condend, Barting, N. M. (1981), Comput. Mether Condend, Barting, N. M. (1981), Comput. Mether Condend, Barting, N. M. (1981), Comput. Method Condend, Barting, N. M. (1981), Comput. Method Condend (1981), Condend (1981)

August No. Subert Coker, A.S., designated Ann. Com. But & Ar has Sch., Scott Field, in midding to other dates. Lt. Lloyd E. Blegton, A.S. A.S. Poss Ph. Sch.

UNITED STATES AIR FORCES

Ort. 24-25.

First Lives. George H. Burgers in decapsated as model as-See, Lt. John Pittisk Cody, A.S., A. S. Off Res. Corps., Washington, to melow duty Ch. A. S., Washington, reverting Lt. Col. Lyle S. Percell, A.S., A. S. Off Scs. Corps, Omaho, Neb., 50 artire daty Com. Off Serbergh Field for tenings.

Naw Radio Set The secondly demonstrated Army Are Service under trans-criting and receiving set for observation planes, in recognitable teries. It is also compart, as all surplane sets have to be trained by a single 2-way rwitch in the electron's cockent. A plant when thrown by the operator.

The transmitter, which is composed of these major parts, the fractalities, water is composed on the maps passe, then four takes and a master-qualitator compile, and has a wayer benjoilty a reperheterodene of sold takes. The acceptions end in ermately controlled from the funcy her, and has been in represely communication than the termy box, and has a browplane hand of from 200 to 1200 m. The previous tract In recent town my capact corps and Aut section expense between the simplest and the ground a distance of 90 nm

> CALENDAR OF AERONAUTICAL EVENTS Stort of the British World Diele

Start of World Flinks of the U. S. "Tour de France des Avocastes."

Trephy Pine, Dayton, Chin. Scharoler Can Rara, Flationne

reconstul arriage fluir.

1A. (pp) Revised D 1946, det. USS Longier, to temp

CHAINSTAY
Learn in Fity in East Dispose. The City of a Thompson Phase
THE RYAN NUMBER, OF APLETION
Offices shall from glood-borne all measures. From other healthcase
and representation. Oppose against a small based upon classes and
numberson. Complian flowing and gloosed course as contraction.

BEATH AMPLANE COMPANY, Inc.

PARTRIDGE, Inc.

parent by the hour . Figure heart rather by the hour . Early Mad.

MIDWEST ARREADS CORE

THE SKYSYNE CORPORATION

SHORT & DAY ARMAL ADVENTISING For Engine Step 1 Plants of year

TAXABLE FLY THEM YOURSELP

Mail Address Field, Checago, III. With the Annies CD 3 Michigan Ave.

Ages Only of Mounts

n, Pennacola. Ess. Harold C. Hamerl, det. U.S.S. Beschröge, to trup. dwy under male avadam, Nov. A. No., Pensacola Em. Howard L. Jenissen, det U.S.S. Charles Andrews Ecs. Visions R. Simplan, Sell U.S.S. Beschreiter, to trap-dary under matt. evision, Nov. A. Sta., Pennacola. Ecs. Walter E. Egumermoon, det. U.S.S. Chaoles Au-burn, in brop duly same vanions, Nov. A. Sta., Pennacola. 14. [ar] Herschall W. Carroll, det. U.S.S. Bachmood in Lowrence B. Richardson, det Excelt. Nav. Apposit.

Ent. Cred. C. Adell, det. Naval, Averaft Partner, Von

Acrest 11, 1904

Err Wilders C. Grey, det. U.S.S. Martirepos, to trans-WHITE BEAR LAKE, MINN.

Harold G. Peterson Aircraft Company Against Mater, Parts, Specialty Street and Hanney ANGLUM MO

CHAMISERUM ROWS AIRCRAFT CORP Areal Advancas, Phrapaphy, Penesger Corpus, and Cortes Exhibites Coopers, Carden Chy, H. Y.

Philap Points Series City, B. Str. E. Y. Paris Tin. Manif. Ph. C. Chiples Series section sections selected. Revision Series sections selected. Revision Series sections selected. Revision Series Seri Waste Fire Scoons

AMEN'S CALIFFEANING For an own Learn March Delegated for American March Delegated for American March Delegated for Street March Delegated for Marc

P. no. Authorit

AVIATION ENGINEERING CO. ESSINGTON SCHOOL OF AVIATION Proper Proof | the Action |
Print | Description |
Print | Description | Action |
Print | Description | Description |
Print | Description FLYING BOATS, SEASTANES, AND SPARES

AUPLANES, ENGINES PARTS SUPPLIES, SHOPE MANCAS

A Suggested National Air Police

That a Notional Assisting Policy is needed by the United States is above. To not such a notice in reservoir form AVIATION requested several thoughtful friends of acconsisted progress to reals suggestive and constructive recommendations. Some of them are given below and will be printed each meek with ordinary, omissions and such other changes as appear to be helpful tensoral the termination of a round national air policy. Readers of AVIATION and others can conder no receier service to the course of personative designers than cantifuling their comments and

A corinorg program of nittraft development both governmental and commercial.

A cream, charged with charge-sang a national air policy, is needed in the Consumers. A create committee in the House and Senate to hold accord: havings where circlase as wall as preventent A desired aircraft basiset for all Governmental Departments, and an annual statement of all expendences As represented staff of flying officers at the head of all purposential air defense project

Combination of all procurement and experimental strends work of the government under one agracy Limitation of government manufacture to report of secrets and specialized work that execut be done by covering The elamination of the deplication of social functions and facilities by government descriptions. A country wide Air Mail system of truck lines connecting the principal cities of the country. Establishment of a National Astrony System through concentron of the Embral Concentrate with States and

A network strengt low that well regulate artistion, administered by practical policy and reconstruct accountries. Membership of the United States in the International Convention for Air Navagenton

COMMERCIAL AIRCRAFT OPERATION Creation of commercial air lines by private naturation or provincest subside Economyconet of participation by private computes at attends more and competitions.

Encouragement of the training of substa by cooling actuals Creating on Errorit de Corpe among flying men all over the country by frequent gatherman at aviation meets.

INDUSTRIAL AIRCRAFT CONSTRUCTION. Recognition that a sound neconstitual industry is a great necessity of our National Defects An octive industrial assessment that will coordinate the strench industry and defend at from attack. Encouragement of the descript of new types of support; by manufacturers by affective them to come their

propositiony rights. Cocentration of manufacturing fews on specialized types of army and navy assenti-Encouragement of research by constructors, unincrities and other acroscos as well as by the enversement

CIVILIAN

A reticual arrespectal communities command of makin marked colores that well take a group position of incloship on national accommissal redex-An Assaul Access West during which the country will think of arrest progress. The formation of local sure clube by there for the purpose of standating flying in all localities. Encourages the solds to fly and patronies the air mad and transport facilities

Occasionally some stelling let of business philoogily has such a particular appeal that it does not seem mappropriate to suchida it in the columns

Consideration from the extension weekpaint state is much that we persisten as the list that is have much that the persistent and the persistent of the persi

The Inference of Example.
The Obligation of Duty.
The Victor of Parimere.
If the principles that not so pathly experiend so
that code were considered more after one pertual weak, there would be a little more pay in

A letter, typical of many that is

or debiase.

After me to require a could of approximate and admitted to the country of the count

while dove from 1000 feet during house "Addressly they were temperatively of the time I satisfee that they are still be What readless in that the mane too laid of the Aer Service shall and and are parts I Compress mogals for expand on of lack of enforcements or premiur has can, not be any means to made I Service." as a set One readers can imagine our fashe the correct figures appearing elsewhere as the man. It must be credent to everyone that only one purpose can be served by not having the costs of governmental aviation in close and intelligible as well as occurried time so that they can be analyzed and studed. That purpose in other confusion or

The public or settled to know what is a printing for what it sportful. See in fully wis officient that it estimate with Lugar appropriations, the given at estimate with Lugar appropriations, the given as a sollid for the Congression Commentum in health settlement. See the Congression Commentum the continued in manipulation of the continued manipulation of the continued manipulation of the continued manipulation of the continued manipulation in a given to the solution Dirichle Publication on a given in the solution Dirichle poses what one efforts to being mode to compile that in a contract in the compile that in the contract of the

for the remary it speech. Statilize figures from the Nazy would present of comparative study which would be helpful.

The call for the annual meeting of the N.A.A.

concloses will person. AVANINIS has suffered such year losses which they are yet gloong such years. I want to such that they are though they for exterior that it was been as to mostly of the members within for the coming year that they are the such as they are that the N.A.A. beauth owney. It must be evelete that the N.A.A. some year. The such that they are they are the post. I want be not such as the tends to person year will be a served to that each a pract part will not be control on use they can cause a person of the such as the served of the person year will not be control on use they can cause the such that the served will be provided to the served of the served and the served of the served of the served of the served that the served of the served that the served of the served the served of the served of the served that the served of the served the served of the served that the served the served that the served that the served that the served the served the served that the served the served that the served the served the served that the served the served that the served that the se

the work.

A very general opinion is being caperand that the N.A.A. detailst candless study to what can be the N.A.A. detailst candless study to what can be uniform all least said popular support can be incused on printer measure than on its first less years. Pewer than few beamands members, giving as re-entrolless and \$20,000 a year, will not printed at a small change of the Center Committee is made than a small change of the Center Committee is made.

mind charge of the Central Countries it might be an experience time to try a modded plan of operators. The members reveald feel that they were doing a medal service if it were only to been Owide Worth in charge of the man activity of fee N.A.A.—L.D.G. FLYING BOATS
OF HSZL TYPE ON THE MARKET
with at without proper plant, completely associated awards
for flight, or periods as before seedy for subgrantes, as

For patching the design of the state of the

AMERICAN AIRCRAFT INC.

DOPES
PIGMENTED DOPES
VARNISHES ENAMELS

TITANINE

To York Mon

MADE BY

TITANINE, Inc.

UNION, UNION COUNTY, N. J.

Anzani Aircraft Motors

s CYLINEER sons H P Other Hill Types from 10 to 120 MFs for removered nor

WALLACE KELLETT CO. INC.
Atlantic Building Philadelphia

Loening Aeronautical Engineering Corporation

31st Senset and East River, New York Coy

ORIGINATORS OF AIRPLANES OF ADVANCED DESIGN

Connector to:
Arr Service, U. S. Amer. Reserve of Assessmine, U. S. Nove

amblin

used all over the world on more than 10,000 aircraft

editions of the Affinding - Coldan States Co.c. Decided Cop. 1871 - Civelli of Annial Device, Evoluti Cop., 1827 - Cive Bellain Spant Jacobs Cop. 1881 - Landon Cop., 1822 - Cive Bellain Spant Jacobs Cop., 1882 - Cive States Cop., 1882 - Cive States Saved Alaphane and States and Association, size.

For professions apply in

ETABLISSEMENTS LAMBLIN 35 HOUTVARD ECONOS

Invest 11, 1904 ircraft Service Director AIRCRAFT SERVICE DIRECTORY COMMERCIAL AIRPLANES Sample 2 - SX: SXX and Same on mount \$110. THAT ARE PAYING PROPOSITIONS Three and five place machines FLIGHT INDICATOR WRITE FOR PRICES ON COMPLETE Motors, Hopel's con. Bengan, on, Carries CX; and CXX Wheel, engine or non-females, Carries CX; and CXX. West for estales Wart, wear or non-founded Cortin 25th or Coront Strange burgan told made. Cortin 18th and Carnets miders to Properly Best, fore, lines, time, these policy measures may meet. Learned gaugine, by special given larger colors. CANUCK and JN planes more. Emmiss graphes, by special price burger orders.

Hervin A. Hordsong, on Science Statement, Mine



Show made for field serve the English Channel

passes man are fight arous the Lapins Channel Description printed period Planeless served propolice by hand Tuday—the Channel is consed Impurally delp. Tuday—Planeless Propolice are manufactured in quantum in the

Hamilton Aero Mfg. Co., Milwaukee, Wis.

PETREL MODEL FIVE

SILVE DALAND AERO CORPORATION

OCCUPANTALES N A

New PRACTICAL SECTION EAST ENGINEER SERVICE, New Princip 1500-00, STANDARD Witness codes Service Structure STANDARD SO Research STANDARD SO Research SERVICE, Standard Service Service

G. S. IRELAND

Washington, D. C.

VACERY ADDRESS OF SERVICE SALES OF SERVI

most complete and easy exchange peopelier plant in America.

PICSON AIRCRAFT LIMITED LUDINGTON EXHIBITION COMPANY Sout Cames Shire

Exhibition Flynn String from Sale of G. S. Swinel

AND ME BOATS \$600.00 GULF COAST AIRLINE

New York & Love Course for Digital Class Staging 50. Mandemark of 12 Nov Yudon See Administration 20 274 Dec 274 Course 50. England May Commission as Fore Programs 51 November 11 Novembe Ministrat Principle PLOYD | LOSAY Chembert Click

RETTER THAN EVER American Propeller & Mfw. Co.

Baltimore, Maryland OVS STANDARDS - \$575.00 AERONALITICAL ENGINEER STANDARD AT BURES CURTISS & LAWRENCE ENGINES. COMPLETE STOCK GOS PARTS. RADIATORS & ACCESSORIES

515 Wheney-Course Phile.

TIPS & SMITH Design, Construction and Productive Problems T O Tor on Own Manhouse Age | Manhouse Taylor HABOLD EVANS HABTNEY AVIATION CONSULTANT

OSTERGAARD AIRCRAFT WORKS Form manufact founds of biliness these per pulse. Star, Gorden by so. South Frage age, Sper Versich By so per gabon, Harnelt that purely Light motor of Bo, 1971 b S. 1974 b. 1974 b. She per of panels American shed are that complete these per of

Sinte specific review

INCOLN STANDARD AIRCRAFT CORP. CLEAR ACETATE DOPE, .75 PER GAL. CLEAR ACETA SE SUPER, one part to the control of th

Altman Purchasing Syndicate Buffelo N Y LIBERTY "12" AVIATION ENGINE PARTS ATTEMPLESS, SPECIAL EQUIPMENT AND TORILS AND CATHYED IN OUR STOCK FOR IMMERIATY DELIVERY

JOHNSON MOTOR PRODUCTS INC. DOWNSON MOTOR PRODUCTS INC. CLASSIFIED ADVERTISING

N. Corte a word, minimum charpy drive, parallel in advance. FOR SALE-Speed Farmer 1973 model mod for decomstratery. Now being recombined. Price with two motors, feer propellers and sparse \$2500.00, with one mater and no Duties and this special first-Delikeless or Raysh speck

of trade \$200.00. OX5 sylinders into of 48, each \$2.50

total states 605.00 Shad trees, being of 200 54.00 such too or healt \$25.00 Med tyre, lets of No. 50.00 cars; make; let \$0.00 cash; 6 cylinder Rosch Magneton, \$39.00; cold-ir Bebring Magneton, \$30.00; OXL Carborston, rolk villed, lets of \$1.00000; OXL Carborston, rolk villed, lets of \$1.00000; OXL Carborston,

her he processer Specked Hopers makes, a reserv

soler of South Also Herenzo meter \$550.00. H. H. Enrick is Stelle Anda , Need & Mann. Directors, Olion-FOR OUTSER RALE-Our Cornel and one Jeans, both

moreone being values one supplied on those NOV to the name of our final standard which we supplied the control of the standard or our rathest works to be not a supplied to the control of the standard or our supplied to the will be about the proposed Victor for your engage WRIGHT AERONAUTICAL CORPORATION FOR SALE-New Jophus sensemer with OXX6 autor and book. Well secretor for 8600 for 223 AVEATION

ARRONAUTICAL ENGINEER Condends of accounts of reases at Manuschmetts Eaststate of Technology to open for after, of respinances. Thereaghly removed with angless the application of severgement theory and re-cook like application of severgement theory and re-cook like 2004-AVIATION

BELLANCA

5 Senter with Hopens. 2 Senter with mater spoke regrey

COLUMBIA AIRCRAFT CORPORATION

FARMINGBALE, L. I., N. Y.

WRIGHT E-3 ENGINES

SPECIAL OFFER

Don to an every rise of party for \$10 statute arriver make a party

FOR SALE -Three countries are 23, 202 to, Salance 21 POE GALE -Tirre compare we are up on a pro-cylinder neters, one cutta complete moder as agaces. One Do you west in AIRPLANE DESIGNER! Estimate

FOR SALE-Newly renormized N.F. facy last and

Certam OXX meter, Bergers if void numericately is by Bergers, Nevel Ar Buston, Fort Hemilton Brooking, N. V. FOR SALE-Standard arregions with 150 Plans sector Lunney, 130.0 Monry Building, San Antonio, Trans-

INDEX TO ADVERTISERS Aeronautical **FARMAN** Instruments airliners, the first to establish air transpertation lines in Europe, still ply Higher prices mayber Jetter prices mover daily between the great European The last of the Government surplus instruments. BUY NOW Pavis-Pramus-Warnaw DESCRIPTION Art or pro-presence people 6 to 6 fte. EARMAN CARIN MONORI ANES Altereter Sylves S" houses have 15000 & Altereter Schemiker S" houses have 25000 -Easing Indicator Effect bubble type 0 to 20 Paris-Brossels, Amsterdam Company Taylor product trade type Matter matter Hopes 18: Pt. tabe 2" non-luminus EARMAN CARIN MONORIANES Back of It All 2003 Notes meter Buyen 20 St. take 4" face beaution Pans-Lendon Technology NCS 9 to 2500 SPM bening that FARMAN "COLIMIN" Tachmarke Joseph Marrille 100 to 2000 luminus dial Tachmarke Japan O to 1000 FPM become dial Tachmarke Japan O to 2000 FPM become dial Tachonater Tueser & to 7400 PPM basicus did FARMAN manufactures mobil TT is communitively easy to demonstrate Tackronates Surper 0 to 3000 PSM learner dail Made and rathe or its above technosters IF to the largest the reparkable advances different types of transport amplanes. hear made in the concuert of the air. capable of carrying from 500 pounds It is being done every day. Incredible 2007 "Shalt and cable to in show technology 10 ft. 2007 "Shalt and cable to in show technology 10 ft. 2007 "Shalt to use show that in Vision days strends month of speed, altitude fights to the ceiling of the world. [ascinating exhibi-Atheny to the store that on Young door 1 to 2 tion of sky-verting, marvelous examples Locality Asymmetric Engineering Communities of arrial obstorachy-countless incidents Farman airliners are completely composed with comfortable cabins. NOTE: Ariales with star (*) are new manufactured baggage holds, wash-rooms, electric of the auplane's potential utility. LISED INSTRUMENTS and receiving mobil flying apparatus. To dramatize the power of engineering Alternative System 5" Instrument State St. to 190000 for Alternative Tarylors 51% Instrument State St. to 190000 for Alternative Tarylors 51% Instrument State St. to 190000 for Association State St. to 1900 MSSS St. to 1900 MSSS Association St. to 1900 MSSS A which stands back of it all is far more difficult. The infinite room of manu-Successful air transportation demands safety, speed, reliability and become interesting only in sensational economy. demonstrations of the precision they inuse. Since 1909, enviseering design and Sellies, Matthew H., Scattling Johnson House shop practice in the Martin plant have FARMAN aircraft are meeting established standards for the industry struments for experimental work, consisting THE GLENN L. MARTIN COMPANY W WALLACE KELLETT Waged Accounts of Corp. of my names tachometers, alteraters, six-

Builders of Quality Aircreft since 1909

IGHNSON AIRPLANE & SUPPLY CO.

DAYTON OHIO

Atlantic Blde.

Philadelphia

Yartin Annualt Co-

August 11, 1850 August 23, 2004

What are you going to do this summer?



Why Not Spend a Couple of Profitable Months at

THE CURTISS FLYING SCHOOL

We teach you to fly, give you an airplane in good flying condition, with a new OX5 motor and instruct you in its care, for a total of \$675.

An Exhilarating Sport - A Profitable Business

YOU WILL NEVER HAVE ANOTHER SUCH OPPORTU-NITY OF BECOMING ASSOCIATED WITH AVIATION

Machines available at all times for Commercial Flying-Air Photography - Map Making - Fast Cross Country Transportation - Taxi Service.

BIG PRICE REDUCTION ON ALL SURPLUS MATERIAL

Write for Booklet

CURTISS EXHIBITION COMPANY

CLINTON STREET, GARDEN CITY, NEW YORK

